J. J. W.

CUSTOMER NO. 30430
IN THE UNI

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Carson H. Zirkle

Confirmation No. 9326

PATENT APPLICATION Docket No. 03-MV-021

Application No.: 10/750019

Group Art Unit: 2631

Filed: December 31, 2003

Examiner: Not Yet Assigned

For: IMPROVED PERFORMANCE FIR FILTER

TRANSMITTAL LETTER

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: (20 - 22 - 0) Signature

Margo Barbarash)

Dear Sir:

Enclosed are the following items for filing in connection with the above-referenced Patent Application:

- 1. Supplemental Information Disclosure Statement;
- 2. Form PTO/SB/08-IDS (Citation) by Applicant (4 References);
- 3. References A1-2, C1-2; and
- 4. Acknowledgment postcard.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 10-0447, under Order No. 28940-

165USPT.

Dated: June 22, 2005

Respectively submitted

Andre M. Szuwalski

Registration No. 35,701

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Attorneys For Applicant



Docket No.: 03-MV-021

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Carson H. Zirkle

Application No.: 10/750019 Confirmation No.: 9326

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Med. In an envelope addressed to: MS Amendment, Commissioner for Patents, Political Box 1450 (Alexandria, VA 22313-1450, on the date shown below.

Dated: 06-02-05

(Margo Barbarash)

Dear Sir:

In accordance with 37 CFR 1.97, Applicant(s) hereby make of record the following additional documents. A PTO Form SB/08 and a full copy of each of the documents required under 37 CFR 1.98(a)(2) accompany this statement.

Applicant(s) have become aware of the following documents, cited in an International Search Report issued April 12, 2005, during the prosecution of International Application No. EP 04 25 7907, which corresponds to the above referenced application, and in accordance with 37 CFR 1.97(c) and (e)(1) or (b)(3), hereby submit(s) these documents for the Examiner's consideration. These documents are cited on the enclosed PTO Form SB/08, and a copy of the International Search Report and of each document required under 37 CFR 1.98(a)(2) cited thereon are enclosed as well.

This statement is not to be interpreted as a representation that the cited documents are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any document herein be construed *per se* as a representation that such document is prior art. Moreover, Applicant(s) understand(s) the Examiner will make an independent evaluation of the cited documents.

Application No.: 10/750019 Docket No.: 03-MV-021

The undersigned hereby certifies that each item contained in this Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 10-0447, under Order No. 03-MV-021.

Dated: June 22, 2005

Respectfully/submitted,

Andre M. Szuwalski

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1

Complete if Known				
Application Number	10/750019-Conf. #9326			
Filing Date	December 31, 2003			
First Named Inventor	Carson H. Zirkle			
Art Unit	2631			
Examiner Name	Not Yet Assigned			
Attorney Docket Number	03-MV-021			

U.S. PATENT DOCUMENTS					
	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or	
	No.1	Number-Kind Code ² (if known)		Applicant of Cited Document	
	A1	US-20020107898-A1	08-08-2002	Reefman et al.	
	A2	US-6,487,190	11-26-2002	Regis	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>it known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T⁵

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patient Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Indication of the year of the reign of the Emperor must precede the serial number of the patent document. Indication of the year of the reign of the Emperor must precede the serial number of the patent document. Indication of the year of the reign of the Emperor must precede the serial number of the patent document. Indication of the year of the reign of the Emperor must precede the serial number of the patent document. Indication of the year of the reign of the Emperor must precede the serial number of the patent document. In the patent document by the two-letter code (WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (b magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, ci		T²		
	C1	J.J. van der Kam, "A ditital decimating filter for analog-to-digital conversion of hi-fi audio signals," Philips Technisch Tijdschrift, Natuurkundig Laboratorium der N.V. Philips, Eindhoven, NL, vol. 42, no. 6/7, April 1986, pps. 230-238, XP002187797, page 6, column 2; figures 8b, 8c.		
	C2	European Search Report, EP 04 25 7907, dated April 12, 2005.		

^{*}EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	Date	
Signature	Considered	

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